



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0016

JOHN ELIAS BALDACCI  
GOVERNOR

DAVID A. COLE  
COMMISSIONER

December 9, 2004  
Subject: Jackman  
Project No. NH-1010(600)E  
PIN 10106.00  
**Bid Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to your Bid Documents:

Delete "Special Provision Section 107 Time (Supplemental Liquidated Damages for Fabrication Time)" dated September 24, 2004 one page total, and replace with the attached "Special Provision Section 107 Time (Supplemental Liquidated Damages for Fabrication Time)" dated December 9, 2004, one page.

Add the attached one page entitled "Special Provision Section 512 Structural Concrete (Precast Deck Panels)" dated March 8, 2004.

Please make the following changes to the Plan Sheets:

Add the attached Plan Sheet entitled "Highway Lighting" page No. 54.

On page 1 of 53, entitled "Title Sheet" under the List of Drawings, add the following in pen and ink:

Highway Lighting \_\_\_\_\_ 54

On Plan Sheet 3 of 53 entitled "General Notes" under the "General Construction Notes" add the following new note No. 25 in pen and ink:

**25.** Structural steel is to remain entirely uncoated and shall be finished in accordance with standard specification 504.13. Galvanizing and painting shall only apply to Pipe Pile as noted on sheet 38.

Consider these changes prior to submitting your bid on December 15, 2004.

Sincerely,

Scott Bickford  
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SPECIAL PROVISION  
SECTION 107  
TIME

(Supplemental Liquidated Damages for Fabrication Time)

107.8.1 Fabrication Time.

The Department has budgeted for the following amounts of continuous fabrication/shop inspection for certain Work components:

| <u>Element</u>         | <u>Time</u>      | <u>Supplemental LD</u> |
|------------------------|------------------|------------------------|
| 1) Structural Steel    | 42 calendar days | \$500 per calendar day |
| 2) Precast Deck Panels | 14 calendar days | \$500 per calendar day |

The Contractor is responsible for requiring their fabricators and suppliers to produce these products for the Work continuously until finished, including any needed actions to correct unacceptable workmanship or materials. If the Department determines that shop inspection beyond these times is required, then the corresponding Supplemental Liquidated Damages will be deducted as they occur from amounts otherwise due the Contractor. The Contractor will be notified by the Department when these times begin and when the allotted time will expire.

If a fabricator or supplier works more than one shift per day and the Department determines that inspection is required for each shift, each shift will count as a calendar day and the LD rate will be the noted amount per shift per calendar day in lieu of per calendar day.

Inspection is required for the following activities:

For metal fabrication work - welding, including tack welding, heat correcting, non-destructive examination, assembly verification, protective coating application.

For concrete work – tensioning of strands, batching and casting of concrete, breaking of test cylinders, de-tensioning.

**SPECIAL PROVISION**  
**SECTION 502**  
**STRUCTURAL CONCRETE**  
(Precast Deck Panels)

Description This work shall consist of casting, furnishing, and erecting prestressed structural concrete deck panels (hereafter called “precast deck panels”) and all related materials as an optional stay-in-place forming system in accordance with the contract plans and specifications.

Construction Precast Deck Panels shall comply with Section 535 – Precast, Prestressed Concrete Superstructure.

Precast deck panels shall be manufactured in conformity with the following tolerances:

|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| Depth of slab                           | - 3 mm, + 6 mm [- 1/8 in, + 1/4 in]                        |
| Width of slab                           | -0, + 6 mm [-0, + 1/4 in]                                  |
| Length of slab                          | ± 6 mm [± 1/4 in]                                          |
| Horizontal alignment                    | 6 mm [1/4 in] (deviation from line parallel to centerline) |
| Squareness                              | 13 mm [1/2 in] max.<br>Difference in diagonal meas.        |
| Vertical Position of Strand group       | +0, - 6 mm [+0, - 1/4 in]<br>Meas. from bottom of slab     |
| Vertical position of individual strands | ± 6 mm [± 1/4 in]                                          |
| Horizontal strand position              | ± 13 mm [± 1/2 in]                                         |
| Strand Projection                       | -6mm, +19 mm [- 1/4 in, + 3/4 in]                          |
| Bowing                                  | ± 6 mm [± 1/4 in]                                          |
| Threaded jack inserts                   | ± 6 mm [± 1/4 in] longitudinally and transversely          |

Basis of Payment All work will be considered incidental to and included in Pay Item 502.26 Structural Concrete Roadway and Sidewalk Slab on Steel Bridges. Payment shall include full compensation for all materials wholly or partly in the precast deck panels and related materials or work required for the panel erected as shown on the plans. Related materials and work will include, but not limited to furnishing and installing temporary supports, including adhesive and grout bedding, reinforcing steel, welded wire fabric and cast-in-place concrete.

|                         |                 |               |               |                  |
|-------------------------|-----------------|---------------|---------------|------------------|
| PROJECT DESIGN ENGINEER |                 | BY            |               | DATE             |
| PLANS                   | DESIGN-DETAILED | \$designer1\$ | \$detailed1\$ | \$projectdate1\$ |
|                         | CHECKED         | \$check1\$    | \$checked1\$  | \$checkdate1\$   |
|                         | REVISIONS       | \$rev1\$      | \$revised1\$  | \$revdate1\$     |
|                         | FIELD CHANGES   |               |               |                  |

GENERAL NOTES: HIGHWAY LIGHTING

1. INSTALL LIGHTING ON THE BRIDGE STRUCTURE

2. LUMINAIRES SHALL BE HOLOPRISM TEARDROP STYLE, PORT HUROF LUMINAIRE, 100 WATT HIGH PRESSURE SODIUM, TYPE 2 SEMI CLOFF DISTRIBUTION, 260 VOLTS

3. POSTS SHALL BE HOLOPRISM, NORTH-YORKSHIRE CAST IRON AND STEEL, POST, 18" WITH DECORATIVE FINIA, AND A SINGLE 709AND END PLATES CROSSWALK WITH DARK GREEN FACTORY FINISH

4. THE POSTS ARE TO BE INSTALLED ON TOP OF THE BRIDGE RAIL. ALL PLANTS ARE BE DESIGNED WITH AN ABOVE THE LUMINAIRE


5. CATALOG NO. RH0900000,IES TEST NO. 76200,IES TYPE 2, SEMI CUTOFF DISTRIBUTION, IF DIFFERENT LUMINAIRES ARE PROPOSED THE CONTRACTOR MUST DEMONSTRATE THAT THE PROPOSED LUMINAIRES WILL MEET OR EXCEED LIGHT LEVELS SHOWN ON THESE PLANS

6. INSTALL ELECTRICAL SERVICE AT A LOCATION CONVENIENT FOR UTILITIES AND THE PROJECT. INSTALL CONDUIT TO THE BRIDGE

7. ITEM NO. 634, 160 SHALL INCLUDE THE LIGHTING SERVICE, POLES, CROSSWALKS, LUMINAIRES AND ALL ACCESSORIES FOR A FUNCTIONING LIGHTING SYSTEM.

INSALL LIGHT POLE ON  
BRIDGE RAIL

LEGEND

 = LIGHT POLE ON BRIDGE RAIL


[illegible]

Highway Lighting

2631

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

Moose River Bridge  
OVER  
Moose River  
IN THE TOWN OF  
Jackson  
Somerset County



MAINE  
19 AUGUST 2008

**METRIC**

1. All dimensions are in millimeters unless otherwise noted.  
2. All elevations and stations are in meters.

| F.H.W.A.<br>SPO. NO. | STATE | PROJECT NUMBER | SECT<br>NO. | TOTAL<br>BRETS |
|----------------------|-------|----------------|-------------|----------------|
| 1                    | MAINE | NH-10106001E   | 54          | 54             |

10106.00